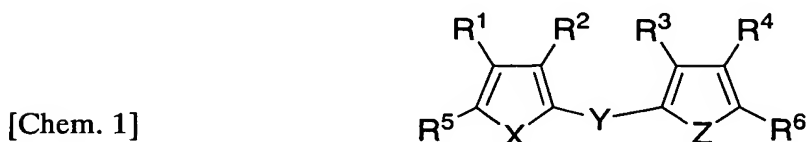


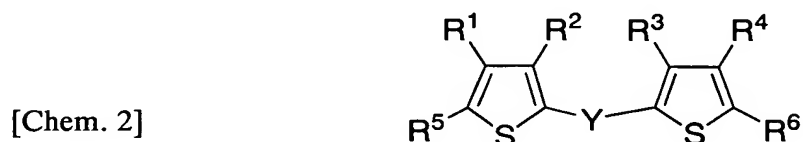
Claims

1. An electroluminescent device comprising a conjugated molecule represented by the general formula [Chem. 1]



5 (wherein X and Z may be the same or different and represent a sulfur atom, an oxygen atom, a nitrogen atom and a silicon atom each having an alkyl group or an aryl group; Y represents an aryl group; and R¹ to R⁶ independently represent a hydrogen atom, an aryl group, an alkyl group, a cyano group, a dialkylamino group, a thioalkoxy group, or an alkoxy group).

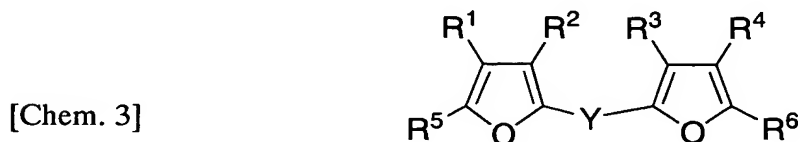
10 2. An electroluminescent device comprising a conjugated molecule represented by the general formula [Chem. 2]



(wherein Y represents an aryl group; and R¹ to R⁶ independently represent a hydrogen atom, an aryl group, an alkyl group, a cyano group, a dialkylamino group, a thioalkoxy group, or an alkoxy group).

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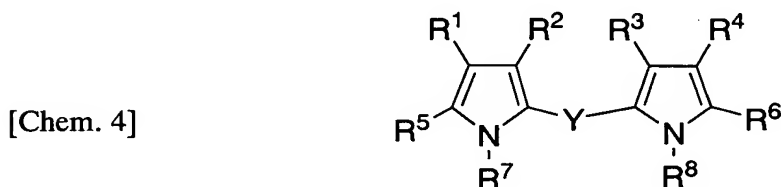
3. An electroluminescent device comprising a conjugated molecule represented by the general formula [Chem. 3]



(wherein Y represents an aryl group; and R¹ to R⁶ independently represent a

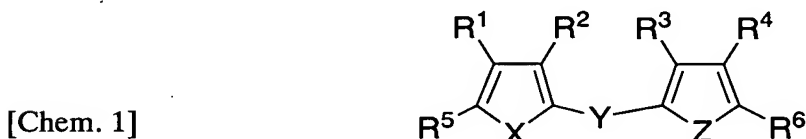
hydrogen atom, an aryl group, an alkyl group, a cyano group, a dialkylamino group, a thioalkoxy group, or an alkoxy group).

4. An electroluminescent device comprising a conjugated molecule represented by the general formula [Chem. 4]



(wherein Y represents an arylene group; R¹ to R⁶ independently represent a hydrogen atom, an aryl group, an alkyl group, a cyano group, a dialkylamino group, a thioalkoxy group, or an alkoxy group; and R⁷ and R⁸ represent an alkyl group or an aryl group).

5. The conjugated molecule represented by the general formula [Chem. 1]



(wherein X and Z may be the same or different and represent an oxygen atom, a sulfur atom, or a silicon atom and a nitrogen atom each having an alkyl group or an arylene group; Y represents an arylene group and represents a bivalent group having a hydrocarbon aromatic ring having 6 to 20 carbon atoms or a bivalent heteroaromatic group having 4 to 30 carbon atoms and including at least one selected from the group consisting of oxygen, nitrogen, sulfur, and silicon; R¹ to R⁴ independently represent a hydrogen atom, an aryl group, an alkyl group, a cyano group, a dialkylamino group, a thioalkoxy group, or an alkoxy group; and R⁵ and R⁶ represent an aromatic hydrocarbon group or a heteroaromatic group including at least one selected from the group consisting of oxygen, nitrogen, sulfur, and silicon, an alkyl group, a cyano group, a dialkylamino group, a thioalkoxy group, or a silyl group).

6. The conjugated molecule according to claim 1, characterized in that a solubility to chloroform at 25°C and 1 atm. is in the range of 1 wt.% to 20 wt.%.

7. The conjugated molecule according to claim 2, characterized in that a solubility to chloroform at 25°C and 1 atm. is in the range of 1 wt.% to 20 wt.%.

5 8. The conjugated molecule according to claim 3, characterized in that a solubility to chloroform at 25°C and 1 atm. is in the range of 1 wt.% to 20 wt.%.

9. The conjugated molecule according to claim 4, characterized in that a solubility to chloroform at 25°C and 1 atm. is in the range of 1 wt.% to 20 wt.%.

10 10. The conjugated molecule according to claim 5, characterized in that a solubility to chloroform at 25°C and 1 atm. is in the range of 1 wt.% to 20 wt.%.

11. The conjugated molecule according to claim 1, characterized by being used for a hole injection layer, a hole transporting layer, or a luminescent layer of an electroluminescent device.

15 12. The conjugated molecule according to claim 2, characterized by being used for a hole injection layer, a hole transporting layer, or a luminescent layer of an electroluminescent device.

13. The conjugated molecule according to claim 3, characterized by being used for a hole injection layer, a hole transporting layer, or a luminescent layer of an electroluminescent device.

20 14. The conjugated molecule according to claim 4, characterized by being used for a hole injection layer, a hole transporting layer, or a luminescent layer of an electroluminescent device.

25 15. The conjugated molecule according to claim 5, characterized by being used for a hole injection layer, a hole transporting layer, or a luminescent layer of an electroluminescent device.

16. An electronic device characterized by using the electroluminescent device defined in claim 1.

17. An electronic device characterized by using the electroluminescent device defined in claim 2.

5 18. An electronic device characterized by using the electroluminescent device defined in claim 3.

19. An electronic device characterized by using the electroluminescent device defined in claim 4.

10 20. An electronic device characterized by using the electroluminescent device including the conjugated molecule defined in claim 5.